

AF Combat ID

Enterprise Integration Team

America's Air Force - No One Comes Close

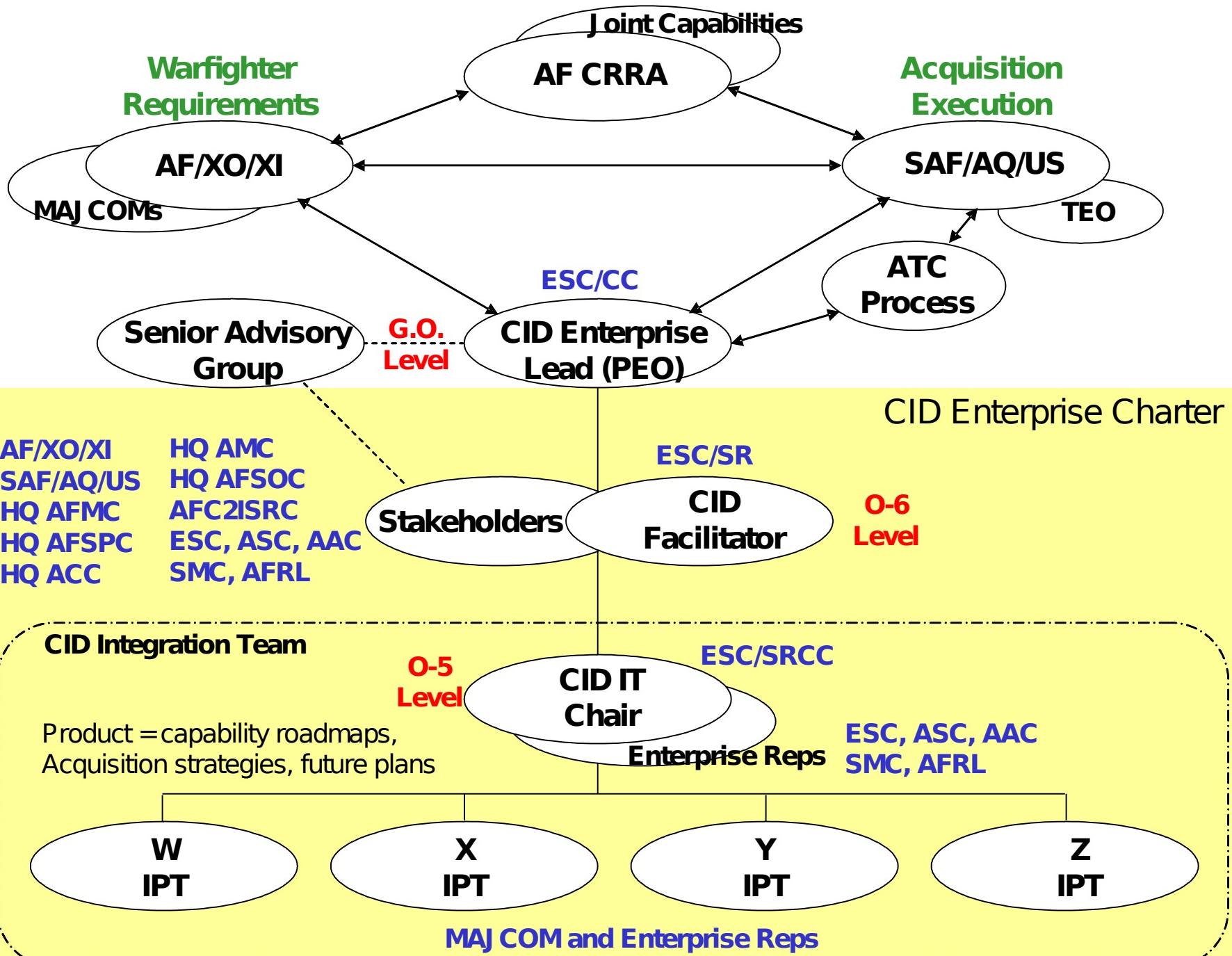


**Cooperative IFF
Mark XII A, Mode 5/S**

Industry Day

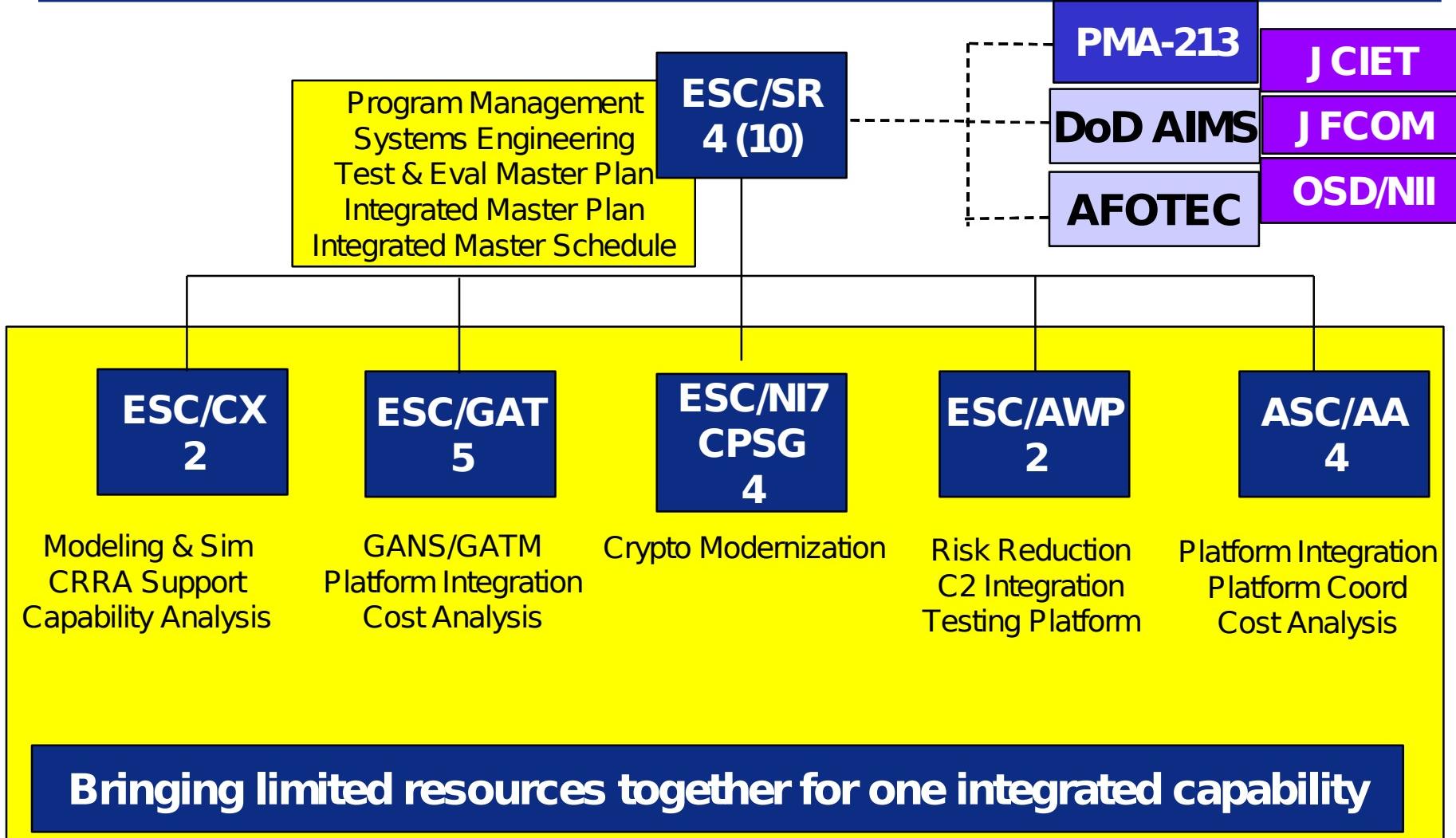
**ESC/SR
LtCol William "Tom" Cook
2 March 2004**

U.S. AIR FORCE





Leverage ESC Expertise





Enterprise Partners

- ESC - Manage Integration into Air Force C4ISR
 - System Engineering, Integration, Testing and Certification
 - GATM catalog for AIMSPO Certified Equipment (Group B)
- ASC - Manage Integration onto Aircraft (Group A)
- Navy PMA-213 - Mode 5 Lead per J ROC/OSD
- Army CEDAC - Mode 5 Lead
- MAJ COMS - Prioritize and fund/POM platform upgrades
- DoD AIMS PO - Certifies to AIMS 03-1000 Standards
- ALCs - Sustainment for non-crypto Mark XII A aspects
- CPSG - Procurement/sustainment for crypto appliqué
- NI7 - Development of IFF crypto appliqué
- SAF/AQI - Develop AF Mode 5 PMD for overall oversight



Enterprise Partners (con't)

Roles and Responsibilities

- ESC/SRC (system of system integration/testing)
 - OPR for overall AF fielding for Mark XII A
 - SAMP, TEMP, IMP, IMS, PMR
 - Validate system capabilities against CONOPs, TTPs
 - Coordinate test plan with developers, test agencies, users
 - Navy, J FCOM, MAJ COMs, SPOs, DoD AIMS PO
 - J CIET, J ITC, AFOTEC
- ESC/GAT (procurement)
 - Maintains catalog for certified boxes (Group B)
 - AF OPR for meeting GANS/GATM requirements
 - Maintain contract vehicle for tech refresh
- ASC/AA/SPOs (platform integration/EMI, regression testing)
 - Ensure funding and execution oversight
 - SPOs buy transponder component from GAT catalog
 - Platform integration/certification (Group A) coordinated w/ AIMS PO



Enterprise Partners (*con't*)

Roles and Responsibilities

- **DoD AIMSPO certifies compliance with DoD specs**
 - Boxes at component level
 - Boxes implemented onto aircraft
- **ESC/NI7 (crypto development/testing)**
 - AF Crypto modernization for Mark XIIIA
 - AF Crypto development and testing
- **ESC/AWP (C2 platform for AF testing)**
 - Crypto modernization platform for risk reduction
 - Test asset for Navy DT/OT